

20 --32. The measurement apparatus as claimed in claim 31, further comprising magnetic material for causing the magnetic attraction between the scale and the track.--

21 --33. The measurement apparatus as claimed in claim 31, wherein the track is formed from extruded aluminium.--

22 --34. The measurement apparatus as claimed in claim 31, wherein the track is formed from magnetic ferrite rubber.--

23 --35. The measurement apparatus as claimed in claim 31, wherein the scale is magnetic or magnetisable.--

24 --36. The measurement apparatus as claimed in claim 31, wherein the track is formed from extruded aluminium.--

*Aug 1/04 23* C1 Cont'd --37. The measurement apparatus as claimed in claim 31, wherein the track has a face for abutting a mounting surface and wherein the face is concave.--

19 --38. The measurement apparatus as claimed in claim 31, wherein the scale track comprises a channel.--

25 --39. The measurement apparatus as claimed in claim 38, wherein the scale track is adapted to hold the scale within the channel at edge portions only.--

26, 27 --40. The measurement apparatus as claimed in claim 32, wherein the scale track comprises a channel and wherein the magnetic material is disposed within the channel.--

28 --41. The measurement apparatus as claimed in claim 32, wherein the magnetic material is a length of ferrite rubber.--

29 --42. The measurement apparatus as claimed in claim 32, wherein the scale and magnetic material are spaced.--

30 --43. A measurement apparatus, comprising:

a measurement scale;

a readhead relatively movable along the scale for reading the scale; and

a scale track having a channel, the scale being held magnetically to the channel, a magnetic attraction force between the channel and the track allowing relative movement between the scale held in the channel and the track.--

*20* --44. The measurement apparatus as claimed in claim 43, further comprising magnetic material for causing the magnetic attraction between the scale and the channel.--

*23* --45. The measurement apparatus as claimed in claim 43, wherein the channel is adapted to hold the scale at edge portions only.--

*21* --46. The measurement apparatus as claimed in claim 43, wherein the track is formed from magnetic ferrite rubber.--

*26* --47. The measurement apparatus as claimed in claim 43, wherein the scale is magnetic or magnetisable.--

--48. The measurement apparatus as claimed in claim 43, wherein the scale and magnetic material are spaced.--

*20, 22* --49. The measurement apparatus as claimed in claim 44, wherein the magnetic material is disposed within the channel.--

*21* --50. The measurement apparatus as claimed in claim 44, wherein the magnetic material is a length of ferrite rubber.--

--51. A measurement apparatus, comprising:

a measurement scale;

a readhead relatively movable along the scale for reading the scale;

a scale track, the scale being held magnetically to the track, a magnetic attraction force between the scale and the track allowing relative movement between the scale and the track; and

a scale tensioner for tensioning the scale on the track.--